Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039863.D
Acq On : 12 Mar 2019 6:18
Operator : JU/SJ
Sample : K1835-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

Quant Time: Mar 12 09:37:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43349	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	177764	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	121999	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	315121	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	339390	20.00	ng	-0.02
87) Perylene-d12	25.18	264	325922	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	336138	132.29	ng	-0.01
7) Phenol-d6	7.30	99	431893	113.99	ng	-0.01
23) Nitrobenzene-d5	9.33	82	327232	99.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	220315	154.93	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	833515	97.28	ng	-0.01
79) Terphenyl-d14	20.12	244	1421682	92.23	ng	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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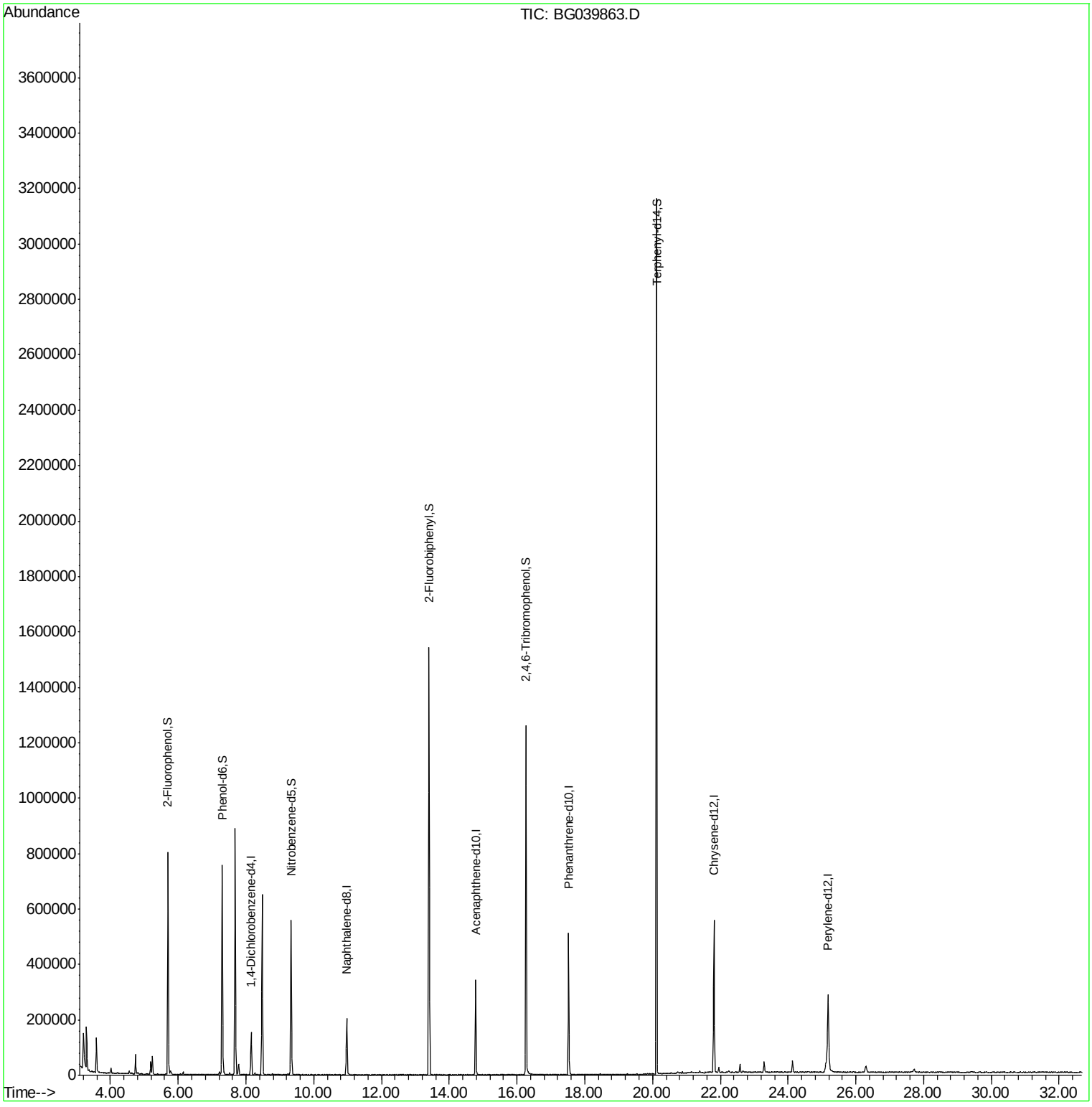
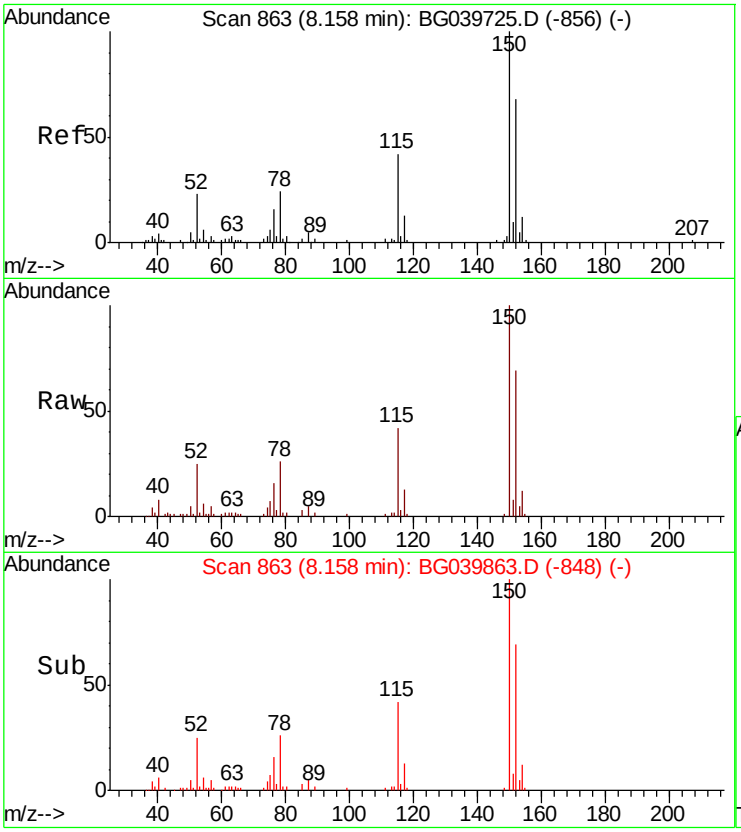


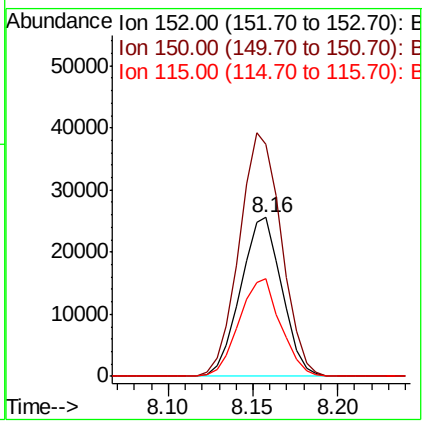


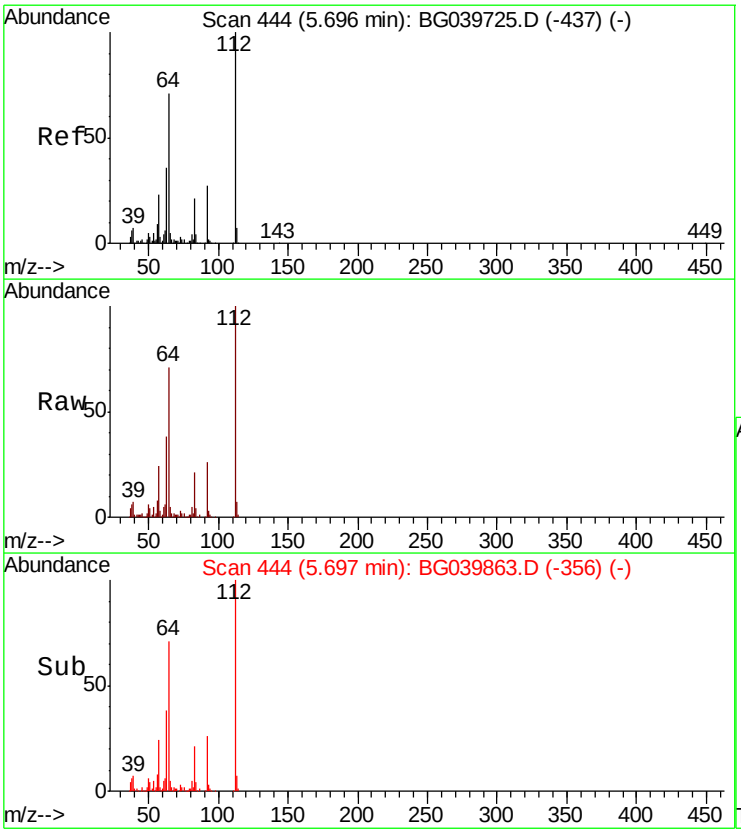
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 43349

Ion	Ratio	Lower	Upper
152	100		
150	145.9	123.7	185.5
115	61.1	45.9	68.9

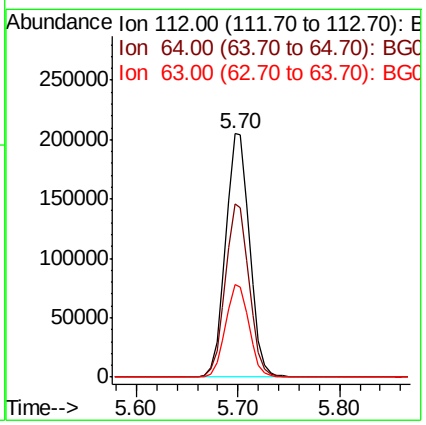


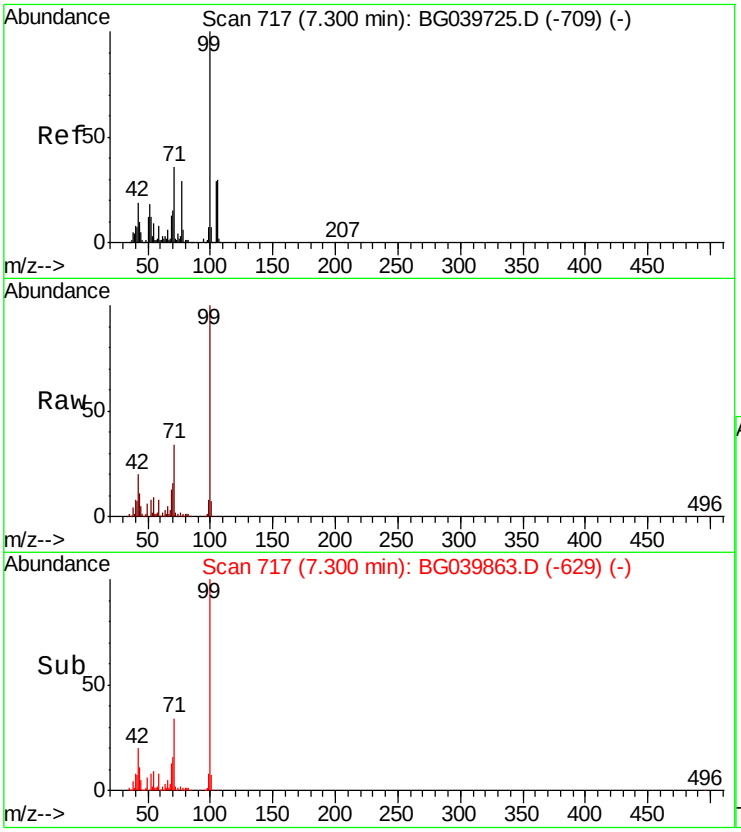


#5
2-Fluorophenol
Concen: 132.288 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Tgt Ion:112 Resp: 336138

Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.8	86.8
63	38.0	29.8	44.6



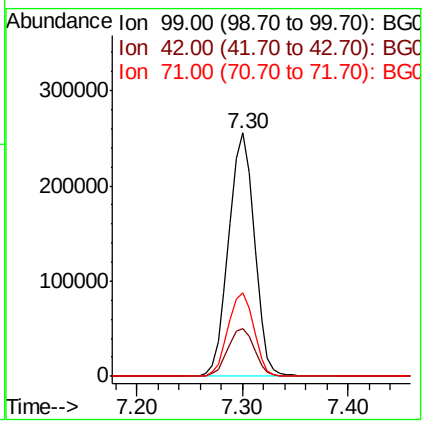


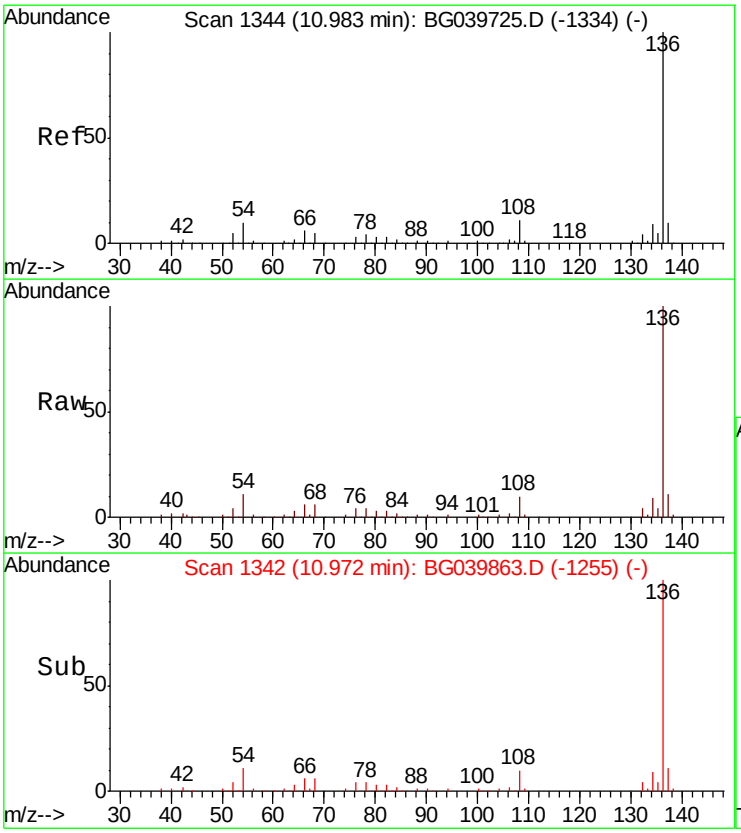
#7
Phenol-d6
Concen: 113.995 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 431893

Ion	Ratio	Lower	Upper
99	100		
42	19.6	18.2	27.2
71	34.2	28.0	42.0

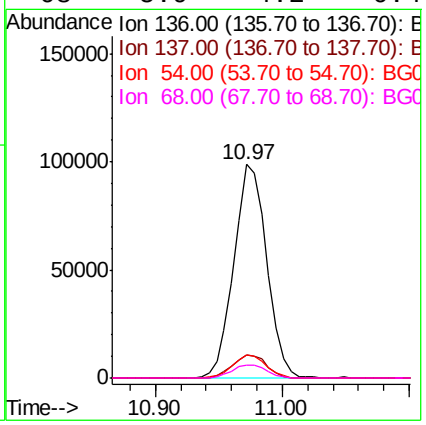


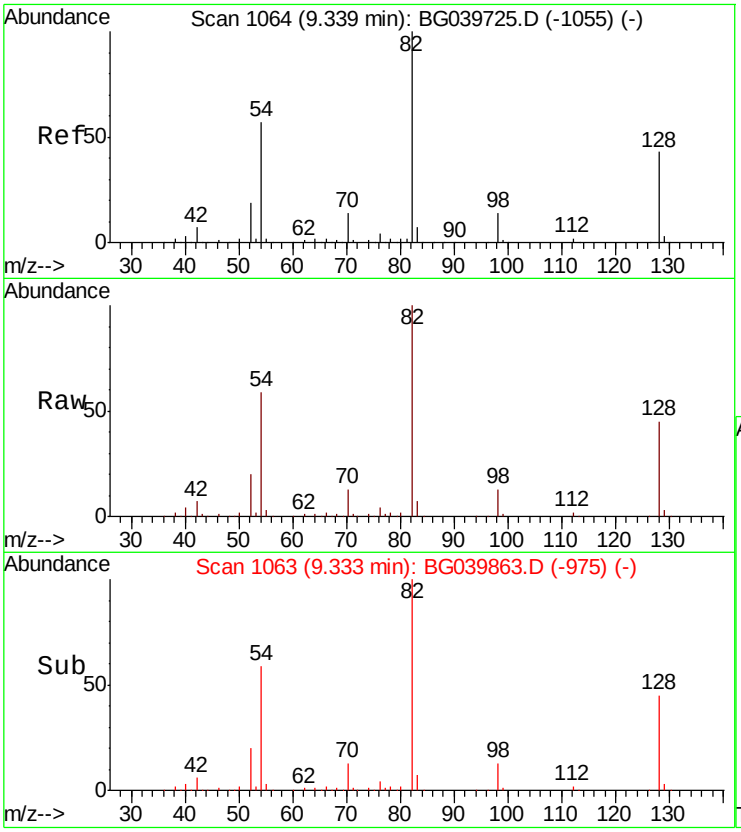


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Tgt Ion:136 Resp: 177764

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	11.0	9.4	14.2
68	5.9	4.2	6.4



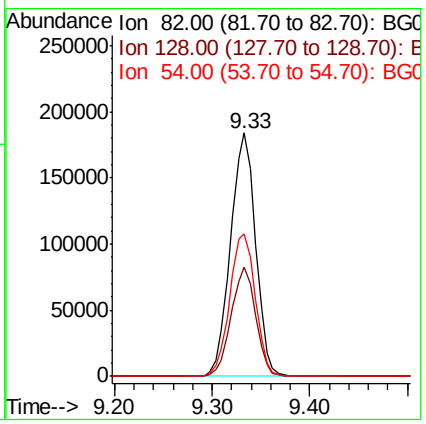


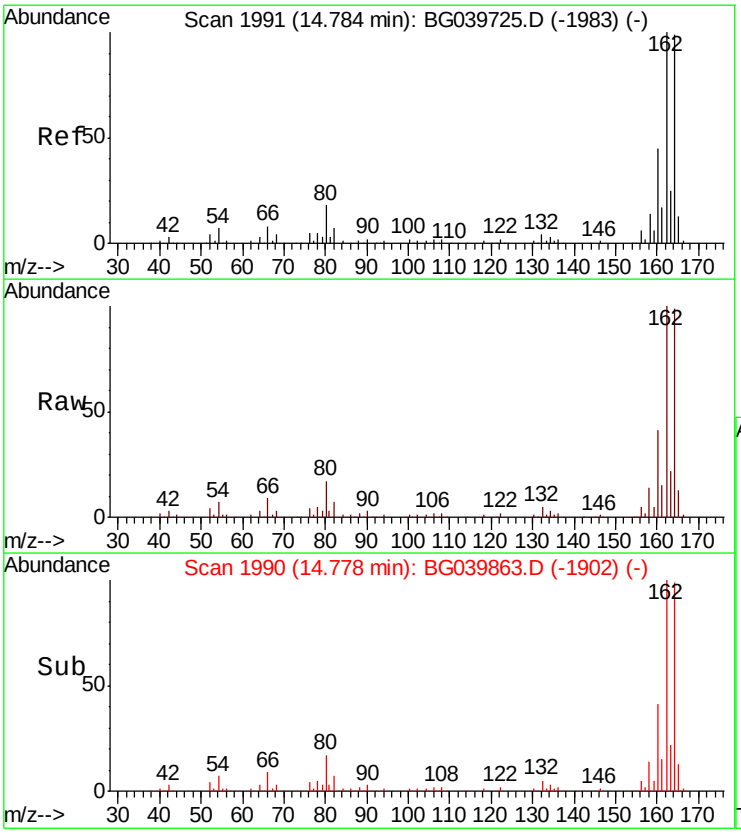
#23
Nitrobenzene-d5
Concen: 99.559 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 327232

Ion	Ratio	Lower	Upper
82	100		
128	44.8	31.3	46.9
54	58.7	50.9	76.3

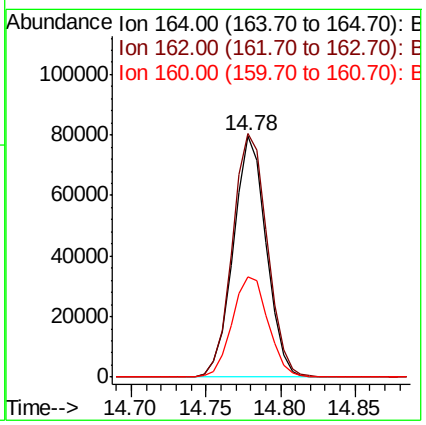


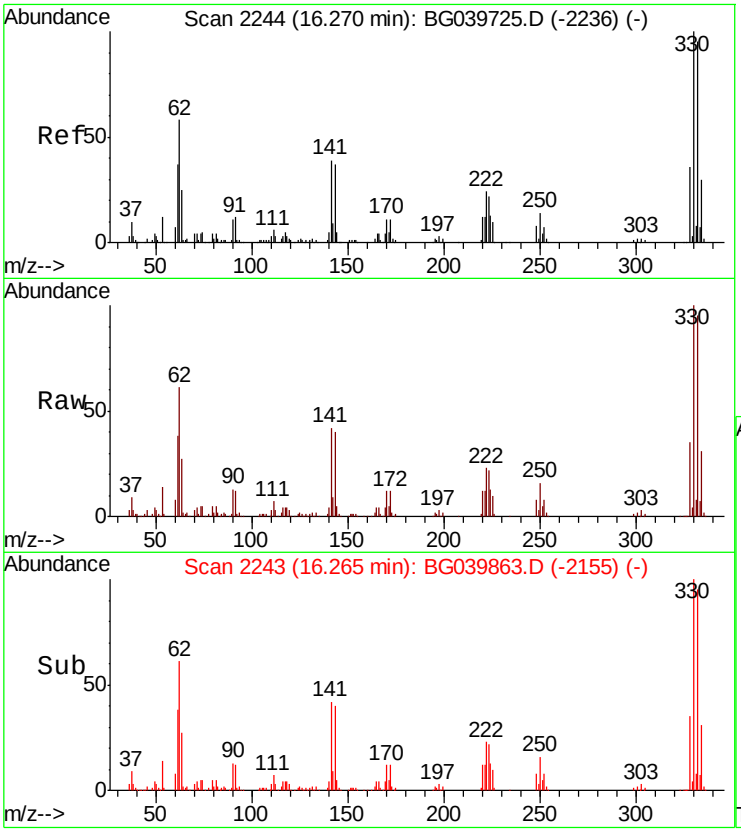


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Tgt Ion:164 Resp: 121999

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.6	122.4
160	41.6	34.2	51.2



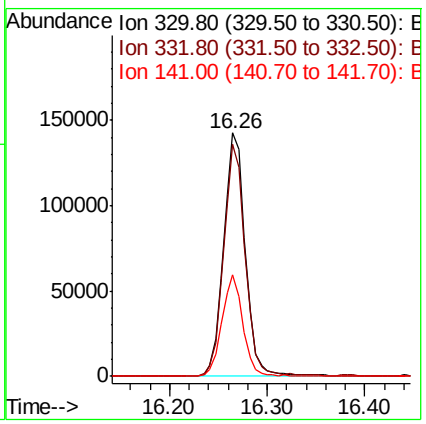


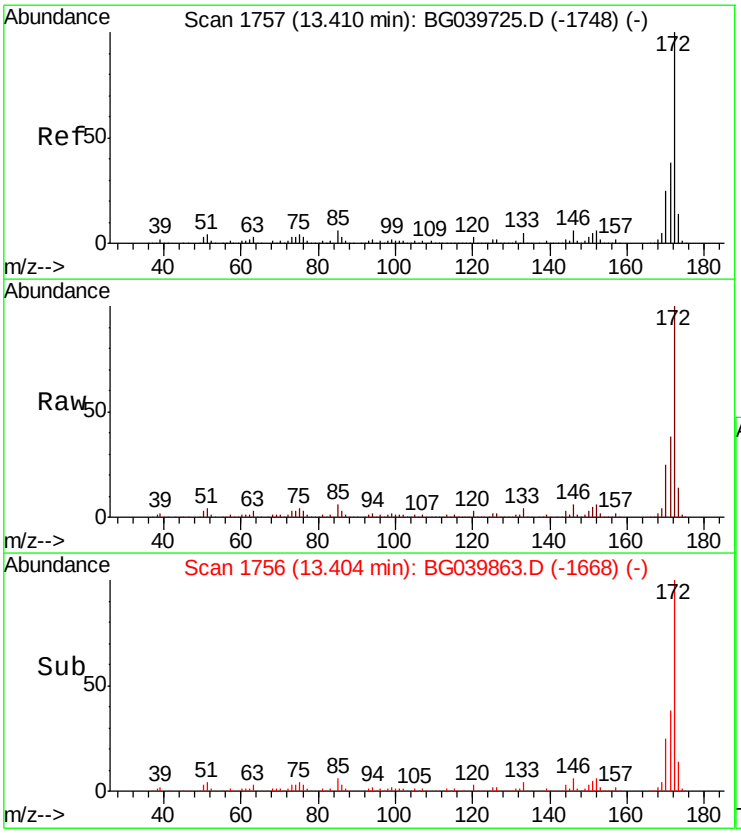
#42
2,4,6-Tribromophenol
Concen: 154.934 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:330 Resp: 220315

Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.7	113.5
141	40.2	35.6	53.4

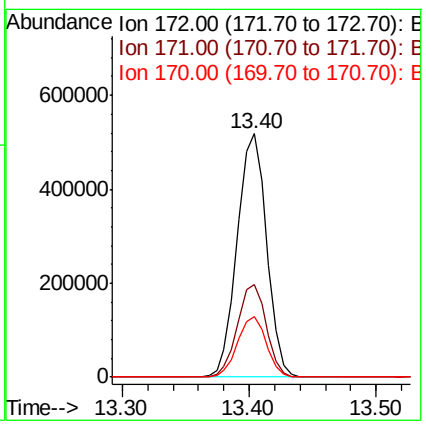


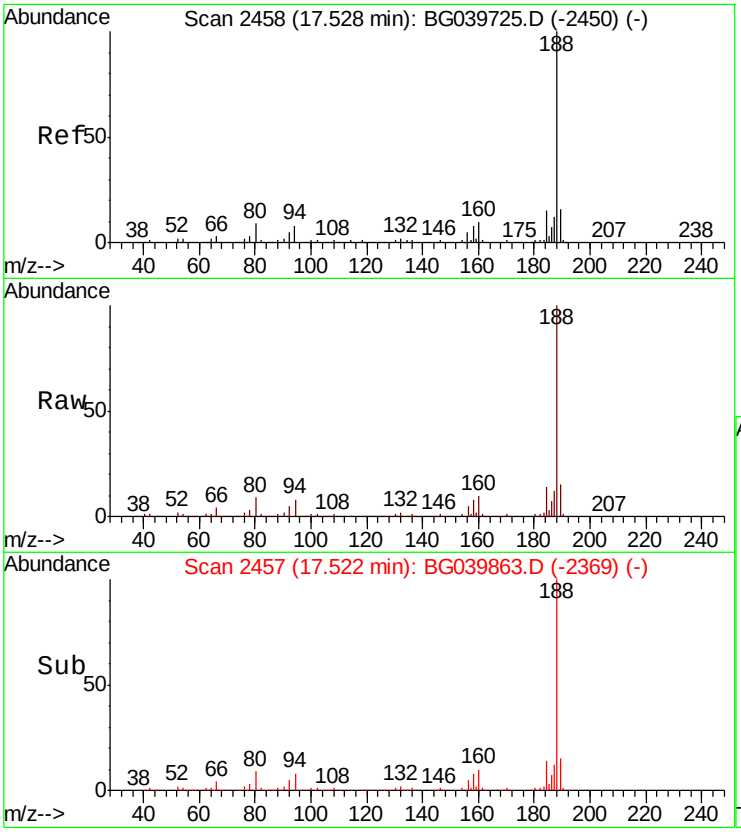


#45
2-Fluorobiphenyl
Concen: 97.278 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Tgt Ion:172 Resp: 833515

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	24.7	20.2	30.4



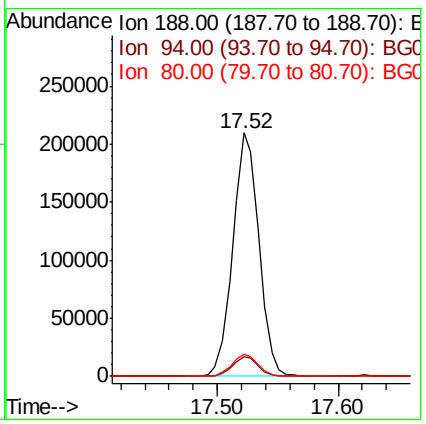


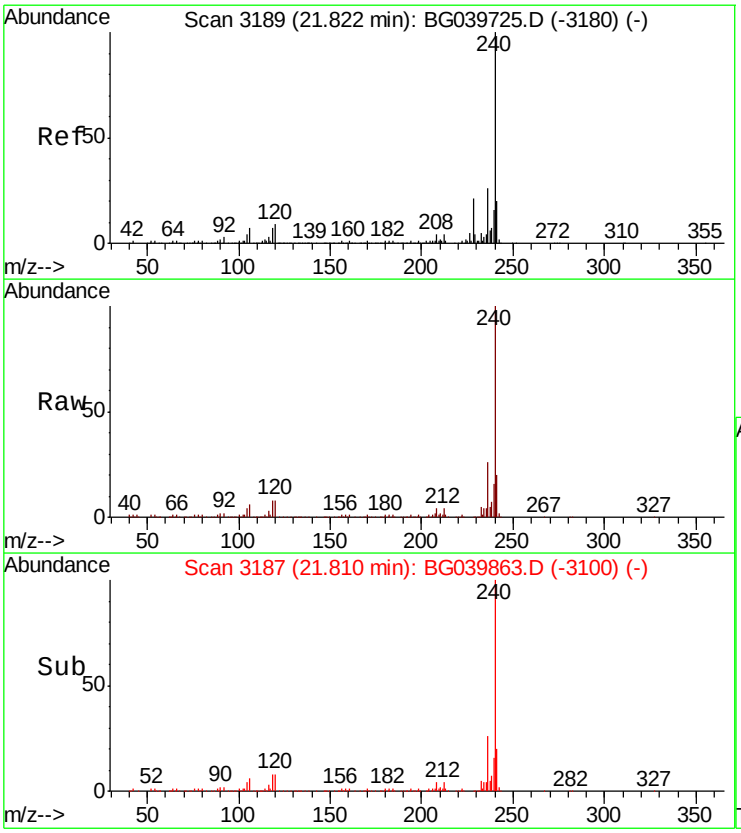
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:188 Resp: 315121

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.2	8.1	12.1

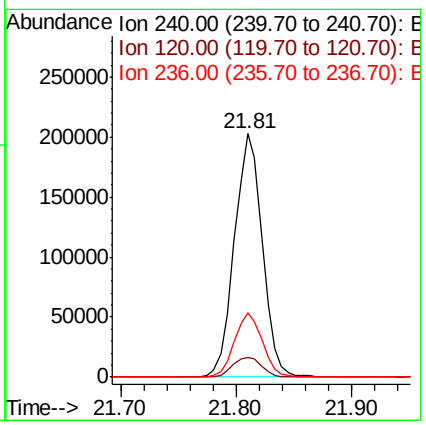


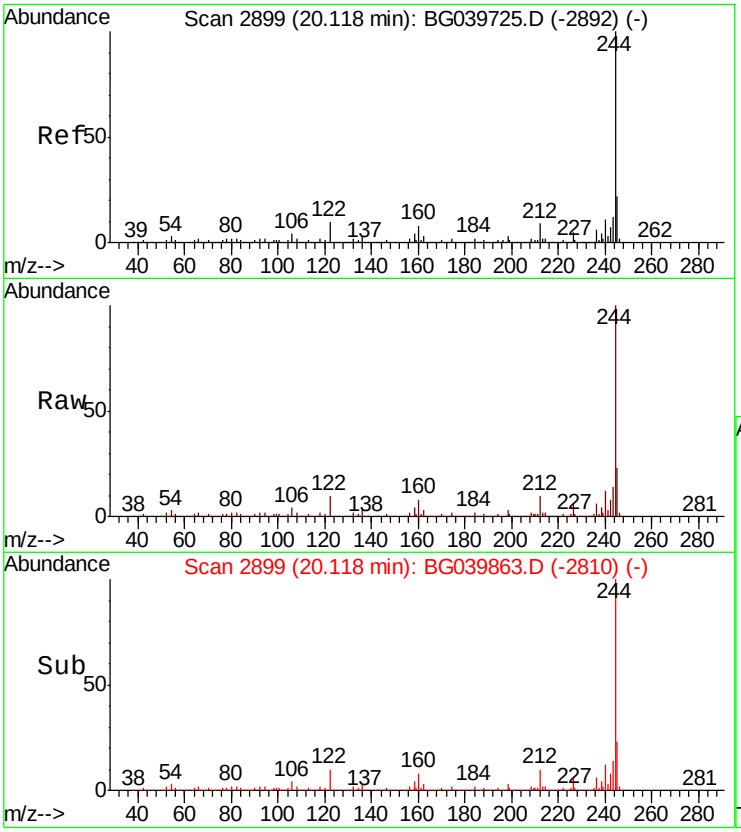


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Tgt Ion:240 Resp: 339390

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	26.4	21.0	31.4



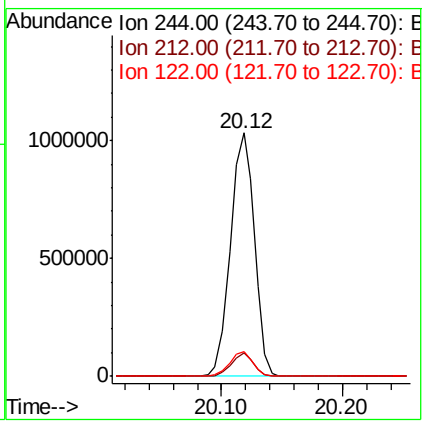


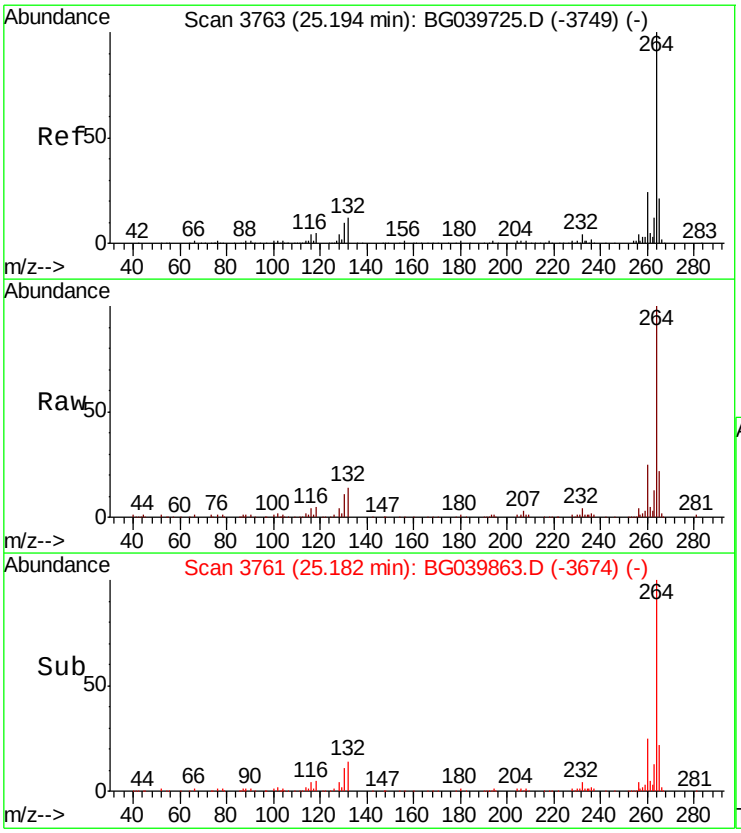
#79
Terphenyl-d14
Concen: 92.232 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:244 Resp: 1421682

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	9.9	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039863.D
Acq: 12 Mar 2019 6:18

Tgt Ion:264 Resp: 325922

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	22.4	18.5	27.7